

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



re Patent Application of :  
 JUL 16 2001 Half De Vos et al. :  
 Application No. 09/763,221 : Group Art Unit: 1731  
 Filed: May 15, 2001 : Examiner:  
 For: BLEACHING OF MEDIUM CONSISTENCY: Date: July 16, 2001  
 PULP WITH OZONE WITHOUT HIGH :  
 SHEAR MIXING :  
 X

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.  
The fee has been calculated as shown below.

CLAIMS AS AMENDED						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PAID FOR	NUMBER OF EXTRA CLAIMS	RATE	ADDL. FEE
TOTAL CLAIMS * 7	MINUS **	20	= 0	x \$ 9 = \$ 0.00		
INDEP. CLAIMS * 1	MINUS ***	3	= 0	x \$ 40 = \$ 0.00		
FEE FOR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM(S)				\$135 = \$ 0.00		
			TOTAL ADDITIONAL FEE FOR THIS AMENDMENT.....			\$ 0.00

\* If the entry in col. 2 is less than entry in col. 4 write "0" in col. 5.

\*\* If the "highest number paid for" in this space is less than 20, write "20" in this space.

\*\*\* If the "highest number paid for" in this space is less than 3, write "3" in this space.

- 1.  Applicant claims small entity status under 37 C.F.R. 1.27.
- 2.  No additional fee is required.
- 3.  Charge \$0.000 or any additional fees or credit overpayment to Deposit Account No. 12-1095. A duplicate copy of this sheet is enclosed.

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PATENT  
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Rolf De Vos et al. :  
Application No. 09/763,221 : Group Art Unit: 1731  
Filed: May 15, 2001 : Examiner:  
For: BLEACHING OF MEDIUM CONSISTENCY : Date: July 19, 2001  
PULP WITH OZONE WITHOUT HIGH :  
SHEAR MIXING :  
X

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JUL 19 2001  
TC 1700

PRELIMINARY AMENDMENT

Sir:

Preliminary to initiation of the prosecution of the above-identified pending U.S. patent application, the following amendments and remarks are respectfully submitted.

IN THE ABSTRACT

Please delete the Abstract as filed and substitute therefor the attached revised Abstract.

IN THE SPECIFICATION

Please amend the Specification in accordance with the attached revised Specification. A copy showing revision marks and a clean copy are included.

IN THE CLAIMS

Please cancel claims 1-6 and add new claims 7-13.

*Sub 13* 7. (NEW) A method for bleaching medium consistency cellulose pulp comprising providing a stream of said cellulose pulp, generating a stream of ozone-containing gas having an ozone concentration of at least 20% by weight from pressurized oxygen, and radially injecting said stream of ozone-containing gas into said stream of cellulose pulp so as to provide a stream of bleached cellulose pulp, whereby said cellulose pulp may be bleached without the use of a high-shear mixer.

EXPRESS MAIL LABEL NUMBER:

EL804525575US